



Continuation/Divisional Docket No.: 2803.68147
Parent Docket No.: 2803.62444

PATENT APPLICATION

THE UNITED STATES PATENT AND TRADEMARK OFFICE IN

Application of: Takeda et al.
Application No.: 09/097,027
Filed: June 12, 1998
For: VERTICALLY ALIGNED (VA) LIQUID
CRYSTAL DISPLAY DEVICE

Art Unit: 2871
Examiner: Nguyen, Dung T.

MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

22387 U.S.PTO
10/7/19714
112103

NOTIFICATION OF FILING OF CONTINUING OR DIVISIONAL APPLICATION

Notification is hereby being made of the filing of a:

continuation
 continuation-in-part
 divisional

application for this case

concurrently herewith.
 on _____.

Date

Reg. No. 47,954

SIGNATURE OF ATTORNEY

Josh C. Snider
(type or print name of attorney)

Customer No.: 24978

GREER, BURNS & CRAIN, LTD.
300 South Wacker Dr. Suite 2500
Chicago, IL 60606

Tel. No.: (312) 360-0080

CERTIFICATION UNDER 37 C.F.R. 1.8(a) and 1.10

I hereby certify that, on the date shown below, this correspondence is being:

deposited with the U.S. Postal Service in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. 1.8a
with sufficient postage as "first class" mail.

37 C.F.R. 1.10
 as "Express Mail" Mailing Label No.
EL846178015US.

November 21, 2003

Date

Daniel Canan

The PTO did not receive the following
listed item(s) 238 pages of
drawing



Docket No. 2803.68147

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Anticipated Classification of this application:

Class: Subclass:

Prior application: 09/097,027

Examiner: Nguyen, Dung T.

Art Unit: 2871

REQUEST FOR FILING CONTINUING OR DIVISIONAL APPLICATION

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is a request for filing a

() Continuation application,
 (X) Divisional application,

under 37 CFR 1.53(b), of pending prior application Serial No. 09/097,027 filed on June 12, 1998 for
VERTICALLY-ALLIGNED (VA) LIQUID CRYSTAL DISPLAY DEVICE.

CERTIFICATION UNDER 37 CFR 1.10

I certify that, on the date shown below, these documents are being deposited with the United States Postal Service in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, as "Express Mail Post Office to Addressee," Mailing Label No. EL846178015US.

Date November 21, 2003
Signature Paul L. Caren

1. Enclosed is a copy of the prior application, including the oath or declaration as originally filed. The attached application papers are a true copy of prior application Serial No.: **09/097,027** as originally filed on **June 12, 1998**, and no amendments referred to in the oath or declaration as originally filed introduced new matter. This statement is made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

The copy of the papers of the prior application as filed are as follows:

216 pages of specification including claims and abstract
 246 sheets(s) of drawings
 13 pages of declaration and power of attorney

2. Enclosed is a replacement specification reflecting previously submitted amendments and/or additional formal amendments. No new matter is added by the changes. A copy of the oath or declaration as originally filed is also included.

The new application includes:

 pages of specification including claims and abstract
 sheets(s) of drawing
 pages of declaration and power of attorney

3. A statement (Declaration) claiming small entity status was filed in the prior application and small entity status for this application is proper and desired.

4. Cancel in this application original claims **1-148, including both instances of claim 40,** of the prior application before calculating the filing fee.

5. (X) The filing fee is calculated below:

CLAIMS AS FILED IN THE PRIOR APPLICATION, LESS ANY CLAIMS CANCELED BY AMENDMENT BELOW

For	No. Filed	No. Extra	Rate	Fee
Basic Fee.....				\$ 770.00
Total Claims...	91 - 20 =	71	x \$18.00 =	\$1,278.00
Independent Claims....	1 - 3 =	0	X \$86.00 =	\$ -0-
		Total Filing Fee		\$2,048.00
Statement of Status as Small Entity Reducing Filing Fee By Half To				\$2,048.00

6. (X) A check in the amount \$2,048.00 is enclosed.

7. (X) The Commissioner is hereby authorized to charge any additional fees which may be required for this application under 37 C.F.R. 1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

8. () A petition and fee for an extension of time has been filed in the pending prior application. A copy of the petition is attached.

9. (X) Amend the specification by inserting before the first line the sentence: --This is a () continuation, (X) divisional, () continuation-in-part, of application Serial No. 09/097,027, filed June 12, 1998.--

10. (X) Priority of application Serial No(s).

**9-155437, filed June 12, 1997 in Japan
9-230982, filed August 27, 1997 in Japan
9-230991, filed August 27, 1997 in Japan
9-266937, filed September 30, 1997 in Japan
9-361384, filed December 26, 1997 in Japan**

are claimed under 35 U.S.C. 119.

(X) The certified copies have been filed in prior application Serial No. 09/097,027, filed June 12, 1998.

11. (X) The prior application is assigned of record to: **Fujitsu Display Technology Corporation**. The assignment was recorded on **December 18, 2002** on Reel **013552**, Frame **0107**.

12. (X) The inventors of the invention of the parent application, serial number **09/097,027** are as follows:

1. Arihiro Takeda	20. Takeshi Kinjou
2. Katsufumi Ohmuro	21. Makoto Tachibanaki
3. Yoshio Koike	22. Keiji Imoto
4. Shingo Kataoka	23. Tadashi Hasegawa
5. Takahiro Sasaki	24. Hidefumi Yoshida
6. Takashi Sasabayashi	25. Hiroyasu Inoue
7. Hideaki Tsuda	26. Yoji Taniguchi
8. Hideo Chida	27. Tetsuya Fujikawa
9. Makoto Ohashi	28. Satoshi Murata
10. Kenji Okamoto	29. Manabu Sawasaki
11. Hisashi Yamaguchi	30. Tomonori Tanose
12. Minoru Otani	31. Siro Hirota
13. Makoto Morishige	32. Masahiro Ikeda
14. Noriaki Furukawa	33. Kunihiro Tashiro
15. Tsuyoshi Kamada	34. Kouji Tsukao
16. Yoshinori Tanaka	35. Yasutoshi Tasaka
17. Atuyuki Hoshino	36. Takatoshi Mayama
18. Shougo Hayashi	37. Seiji Tanuma
19. Hideaki Takizawa	38. Yohei Nakanishi

13. (X) An information disclosure statement is submitted herewith.

14. (X) A preliminary amendment is enclosed herewith.

15. () Please delete the name(s) of ^^^^ who is (are) not a (an) inventor(s) of the subject matter of the () continuing () divisional application.

16. (X) The power of attorney in the prior application is to:

Patrick G. Burns, Reg. No. 29,367
Greer, Burns & Crain, Ltd.
300 South Wacker Drive - Suite 2500
Chicago, Illinois 60606

The power appears in the original papers in the prior application.

Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.

Associate Power of Attorney is enclosed.

A copy of the Associate Power to ^^^^ is enclosed. The original Associate Power was filed in the parent application.

Address all future communications to:

Patrick G. Burns
Greer, Burns & Crain, Ltd.
300 South Wacker Drive - Suite 2500
Chicago, Illinois 60606

November 21, 2003

Greer, Burns & Crain, Ltd.
300 South Wacker Drive - Suite 2500
Chicago, Illinois 60606
Tel.: (312) 360-0080
Customer Number 24978
Continuation/Divisional Application, 4 pages, 16 paragraphs
Revision September 26, 2000



Josh C. Snider
Registration No. 47,954



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent Application

Applicant(s): Takeda et al.

Divisional of

Serial No.: 09/097,027

Filed: June 12, 1998

For: VERTICALLY-ALIGNED
(VA) LIQUID CRYSTAL
DISPLAY DEVICE (as amended)

Art Unit: 2871

Examiner: Nguyen, D.

)
I hereby certify that this paper is being deposited with the
United States Postal Service as EXPRESS MAIL in an
envelope addressed to: Commissioner for Patents, P.O. Box
1450, Alexandria, VA 22313-1450, on this date.

) November 21, 2003

) Date

Dan Cannon
Express Mail No. EL 846178015 US

LETTER TO THE DRAFTSMAN

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Please approve the changes indicated in red in the attached marked-up
copies of Figs. 1-8.

Respectfully submitted,

Customer No. 24978

GREER, BURNS & CRAIN, LTD.

By


Josh C. Snider

Registration No. 47,934

November 21, 2003
300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
Telephone: (312) 360-0080
Facsimile: (312) 360-9315



Docket No.: 2803.68147

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Anticipated Classification of this application:

Class: Subclass:

Prior application: 09/097,027

Examiner: Nguyen, Dung T.

Art Unit: 2871

REQUEST FOR FILING CONTINUING OR DIVISIONAL APPLICATION

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is a request for filing a

() Continuation application,
 (X) Divisional application,

under 37 CFR 1.53(b), of pending prior application Serial No. 09/097,027 filed on June 12, 1998 for
VERTICALLY-ALLIGNED (VA) LIQUID CRYSTAL DISPLAY DEVICE.

CERTIFICATION UNDER 37 CFR 1.10

I certify that, on the date shown below, these documents are being deposited with the United States Postal Service in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, as "Express Mail Post Office to Addressee," Mailing Label No. EL846178015US.

Date November 21, 2003
Signature Don O'Caran

1. Enclosed is a copy of the prior application, including the oath or declaration as originally filed. The attached application papers are a true copy of prior application Serial No.: **09/097,027** as originally filed on **June 12, 1998**, and no amendments referred to in the oath or declaration as originally filed introduced new matter. This statement is made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

The copy of the papers of the prior application as filed are as follows:

216 pages of specification including claims and abstract
 246 sheets(s) of drawings
 13 pages of declaration and power of attorney

2. Enclosed is a replacement specification reflecting previously submitted amendments and/or additional formal amendments. No new matter is added by the changes. A copy of the oath or declaration as originally filed is also included.

The new application includes:

___ pages of specification including claims and abstract
 ___ sheets(s) of drawing
 ___ pages of declaration and power of attorney

3. A statement (Declaration) claiming small entity status was filed in the prior application and small entity status for this application is proper and desired.
4. Cancel in this application original claims **1-148, including both instances of claim 40,** of the prior application before calculating the filing fee.

5. (X) The filing fee is calculated below:

CLAIMS AS FILED IN THE PRIOR APPLICATION, LESS ANY CLAIMS CANCELED BY AMENDMENT BELOW

For	No. Filed	No. Extra	Rate	Fee
Basic Fee.....				\$ 770.00
Total Claims...	91 - 20 =	71	x \$18.00 =	\$1,278.00
Independent Claims....	1 - 3 =	0	X \$86.00 =	\$ -0-
		Total Filing Fee		\$2,048.00
Statement of Status as Small Entity Reducing Filing Fee By Half To				\$2,048.00

6. (X) A check in the amount \$2,048.00 is enclosed.

7. (X) The Commissioner is hereby authorized to charge any additional fees which may be required for this application under 37 C.F.R. 1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

8. () A petition and fee for an extension of time has been filed in the pending prior application. A copy of the petition is attached.

9. (X) Amend the specification by inserting before the first line the sentence: --This is a () continuation, (X) divisional, () continuation-in-part, of application Serial No. 09/097,027, filed June 12, 1998.--

10. (X) Priority of application Serial No(s).

**9-155437, filed June 12, 1997 in Japan
9-230982, filed August 27, 1997 in Japan
9-230991, filed August 27, 1997 in Japan
9-266937, filed September 30, 1997 in Japan
9-361384, filed December 26, 1997 in Japan**

are claimed under 35 U.S.C. 119.

(X) The certified copies have been filed in prior application Serial No. 09/097,027, filed June 12, 1998.

11. (X) The prior application is assigned of record to: **Fujitsu Display Technology Corporation**. The assignment was recorded on December 18, 2002 on Reel 013552, Frame 0107.

12. (X) The inventors of the invention of the parent application, serial number 09/097,027 are as follows:

1. Arihiro Takeda	20. Takeshi Kinjou
2. Katsufumi Ohmuro	21. Makoto Tachibanaki
3. Yoshio Koike	22. Keiji Imoto
4. Shingo Kataoka	23. Tadashi Hasegawa
5. Takahiro Sasaki	24. Hidefumi Yoshida
6. Takashi Sasabayashi	25. Hiroyasu Inoue
7. Hideaki Tsuda	26. Yoji Taniguchi
8. Hideo Chida	27. Tetsuya Fujikawa
9. Makoto Ohashi	28. Satoshi Murata
10. Kenji Okamoto	29. Manabu Sawasaki
11. Hisashi Yamaguchi	30. Tomonori Tanose
12. Minoru Otani	31. Siro Hirota
13. Makoto Morishige	32. Masahiro Ikeda
14. Noriaki Furukawa	33. Kunihiro Tashiro
15. Tsuyoshi Kamada	34. Kouji Tsukao
16. Yoshinori Tanaka	35. Yasutoshi Tasaka
17. Atsuyuki Hoshino	36. Takatoshi Mayama
18. Shougo Hayashi	37. Seiji Tanuma
19. Hideaki Takizawa	38. Yohei Nakanishi

13. (X) An information disclosure statement is submitted herewith.

14. (X) A preliminary amendment is enclosed herewith.

15. () Please delete the name(s) of ^^^^ who is (are) not a (an) inventor(s) of the subject matter of the () continuing () divisional application.

16. (X) The power of attorney in the prior application is to:

Patrick G. Burns, Reg. No. 29,367
Greer, Burns & Crain, Ltd.
300 South Wacker Drive - Suite 2500
Chicago, Illinois 60606

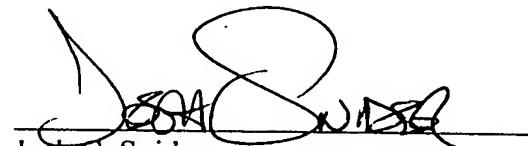
- The power appears in the original papers in the prior application.
- Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.
- Associate Power of Attorney is enclosed.
- A copy of the Associate Power to ^^^^ is enclosed. The original Associate Power was filed in the parent application.

(X) Address all future communications to:

Patrick G. Burns
Greer, Burns & Crain, Ltd.
300 South Wacker Drive - Suite 2500
Chicago, Illinois 60606

November 21, 2003

Greer, Burns & Crain, Ltd.
300 South Wacker Drive - Suite 2500
Chicago, Illinois 60606
Tel.: (312) 360-0080
Customer Number 24978
Continuation/Divisional Application, 4 pages, 16 paragraphs
Revision September 26, 2000



Josh C. Snider
Registration No. 47,954